

1 ABSTRACT

2 A telephone operating system is described. The invention is a telephone system have
3 unique monitoring methods and equipment to allow the user to following conversations and
4 retrieve portions of the conversation and to take certain actions in connection with conversations.

5 — There may be two groups of users within the system, the first being the maker and
6 recipient of the call and the other being a person or device monitoring the call. The system
7 provides a telephone monitoring device for reading a biological marker for an individual and
8 associating the marker with a pin number and associating the pin number with other call
9 information to be stored with data on the call along with an interface means for storing
10 information on a call from a group of information comprised of the locations from and to which
11 the call is made, the PIN number and name or the maker, time when made and when finished,
12 data of the call, telephone numbers and the like. The system may convert the telephone call to
13 digital format for storage and to maintain a database of data, voices or sounds in a digital format,
14 particularly secondary ring signals, and to compare the digital database of voices or sounds or
15 data (particularly phone numbers, names, addresses and area codes) based on user controlled
16 degrees of similarity and to take different actions from a group of actions including monitoring,
17 marking, terminating or playing a recording before, after or in conjunction with the ongoing call.
18 The invention to feed the data to the comparing mechanism at an accelerated rate, typically 4 to
19 5 times the speed of the original call, with or without filters for which isolate voice ranges or data
20 ranges, with or without pitch attenuation to keep the voice at an apparently normal pitch.